

## **7.0 OFFICE OF ENVIRONMENT, SAFETY AND HEALTH (OESH)**

In addition to the overall management responsibilities identified in Part 1, Subsection 5, paragraphs 5.2 and 5.4, formulates and executes environment, safety, and health (ES&H) policies, programs, and activities to ensure protection of the workers, environment, and public from hazards posed by DOE facilities, operations, and cleanup activities. This effort includes development and management of the implementation of a Site integrated environmental regulatory strategy. Serves as the DOE-SR Senior Safety Advisor. Establishes ES&H requirements for conduct of work at SRS. Provides ES&H technical resources and programs that support mission accomplishment. Responsible for oversight of U.S. Forest Service, Savannah River Archeological Research Program, and Savannah River Ecology Laboratory (SREL), and other natural resource management activities. Overall responsibility for the Integrated Safety Management Program at SRS, including the Environmental Management System, as well as OESH specific components. Ensures contractors, subcontractors, and vendors complete activities and documentation where line organizations have been assigned responsibility (Part 1, Subsection 10 Matrix).

7.0.1 Develops, administers, and coordinates the DOE-SR directives and technical standards program. Serves as the HQ Directives Point of Contact. Interfaces with DOE-SR divisions/offices, operating contractors, and HQ divisions/offices as necessary to carry out required activities. Provides assistance to other DOE-SR divisions/offices with respect to HQ directives and development of DOE-SR directives.

7.0.2 Liaison to the Defense Nuclear Facilities Safety Board (DNFSB). Serves as the Site resource for interactions with the DNFSB. Interfaces with DOE-SR divisions/offices, DNFSB staff, DOE-HQ as needed to address issues and provides support.

7.0.3 **SMS Functions (see Part 1, Subsection 10):**

- 2.1 Policies, Orders, Notices, Manuals, Guides, and Page Changes (2.1.01 - 2.1.07)**
- 2.2 Technical Standards for Use within DOE (2.2.01 - 2.2.06)**
- 2.3 Rules (2.3.01)**
- 4.1 Identify Standards and Requirements (4.1.01)**
- 6.4 Assessments (6.4.05 – 6.4.07)**
- 6.6 Make Changes to Improve (6.6.04)**
- 6.9 Interface with DNFSB (6.9.01 – 6.9.09)**

## **7.1 Safety and Radiation Protection Division (SRPD)**

In addition to the overall management responsibilities identified in Part 1, Subsection 5, paragraphs 5.3 and 5.4, responsible for the following:

- 7.1.1 Provides oversight of site level contractor safety and health programs. Plans, coordinates, and manages assigned Site contractor standards-based programs such as safety (nuclear and non-nuclear); injury/illness, record-keeping and reporting system for contractor employees; health and hygiene; medical; integrated safety management; radiation protection and health physics; quality assurance (QA); management and independent assessments; conduct of operations; Standards/Requirements Identification Documents; technical training and qualification; Price Anderson Amendments Act (PAAA) rule enforcement; Occurrence Reporting and Processing System (ORPS); Lessons Learned; and facility startup/restart to ensure protection of the worker, public, and environment from hazards associated with nuclear and non-nuclear operations. Establishes Site-wide policy and requirements in areas of responsibility. Reviews and makes recommendations on approval of new and revised program description documents (such as Integrated Safety Management Systems and QA) when applicable.
- 7.1.2 Maintains subject matter experts in assigned programmatic areas. Provides Site technical specialists for Federal project teams and selected programs, and provides technical assistance to DOE-SR organizations with respect to policies, requirements, and expectations in areas of responsibility. Conducts assessments of contractor performance to ensure contractor implementation of applicable requirements, and provides assessment results to contractors for implementation of corrective actions. Coordinates and works with the DOE Office of Enforcement on PAAA enforcement activities at DOE-SR.
- 7.1.3 Manages DOE-SR safety and health programs. Develops, administers, and coordinates implementation of the DOE-SR programs (such as safety and health, industrial hygiene, radiation protection, technical assessments, and contractor oversight). Administers, interprets, and monitors effective implementation of DOE policies and requirements, and associated documents in areas of responsibility. Conducts the Federal Employee Occupational Safety and Health Program. Develops and conducts occupational safety and health training for Federal employees. Conducts inspections of employees' work areas to identify and control or eliminate hazards. Coordinates injury/illness, record-keeping, and reporting system for Federal employees. Establishes and implements the Radiation Dosimetry Program and tracks exposures for DOE-SR personnel and support contractor personnel. Maintains and submits the DOE-SR QA Program description document to the Lead Program Secretarial Officer for review and concurrence.

7.1.4 Performs trending and analysis. Performs trending and analysis of safety data and input from sources such as ORPS, facility representatives, technical assessment reports, DOE-HQ evaluations, DNFSB Reports, Facility Evaluation Board Reports, and other contractor self-assessment documents to identify programmatic performance and trends. Maintains and updates DOE-SR issues in the EH Corrective Action Tracking System (CATS). Uses the results of this analysis to determine areas needing increased emphasis to improve safety performance.

7.1.5 Provides technical expertise and support for external initiatives. Acts as liaison with DOE-HQ and other State and Federal organizations in assigned areas of safety and health responsibility. Serves as DOE-SR representative on DOE committees within assigned functional areas of expertise. Participates in the development of Departmental directives (such as Policy, Notice, Order, Manual, and Guidance documents) as well as National Consensus Standards (such as ANSI, ASME, and ACGIH) in areas of expertise. Oversees and coordinates the DOE-SR support of the DOE-wide Accident Investigation Program, including providing a point of contact to DOE-HQ.

**7.1.6 SMS Function(s) (see Part 1, Subsection 10):**

- 1.6 Technical Qualification and Competency (1.6.18 – 1.6.20 and 1.6.22 – 1.6.26)**
- 2.4 Contract Performance Expectations (2.4.01)**
- 3.1 Identify and Analyze Hazards (3.1.01 – 3.1.03)**
- 3.2 Categorize Facility/Activity Based on Hazards (3.2.01 and 3.2.02)**
- 4.1 Identify Standards and Requirements (4.1.24 – 4.1.29)**
- 4.2 Identify Controls to Prevent and Mitigate Hazards (4.2.01 – 4.2.16)**
- 4.3 Establish Safety Envelope (4.3.01 – 4.3.08)**
- 4.5 Safeguards and Security (4.5.21)**
- 5.1 Confirm Readiness (5.1.02 – 5.1.19)**
- 5.2 Perform Work Safely (5.2.02 – 5.2.09, 5.2.11 – 5.2.13, 5.2.15, 5.2.26, 5.2.28 – 5.2.34, 5.2.39 – 5.2.40, and 5.2.42)**
- 5.3 Quality Assurance (5.3.01 – 5.3.07)**
- 6.1 Lessons Learned Program (6.1.01 – 6.1.08)**
- 6.2 Occurrence Reporting and Processing System (6.2.01 – 6.2.12 and 6.2.14)**
- 6.3 ES&H Reporting (6.3.01 and 6.3.05)**
- 6.4 Assessments (Technical) (6.4.01 – 6.4.04)**
- 6.5 Accident Investigation (6.5.01 – 6.5.11)**
- 6.7 Line Management Oversight (6.7.01 – 6.7.05)**
- 6.8 Price Anderson Enforcement (6.8.01)**

## **7.2 Environmental Quality Management Division (EQMD)**

In addition to the overall management responsibilities identified in Part 1, Subsection 5, paragraphs 5.3 and 5.4, responsible for the following:

- 7.2.1 Manages the policy development and program planning for environmental compliance, environmental monitoring, natural and cultural resources, and educational outreach activities. Coordinates SRS environmental interactions and provides DOE-SR cross-cutting liaison services with Federal and state environmental regulatory organizations. Serves as the DOE-SR field point-of-contact for initial regulatory agreement/milestone coordination and planning for SRS (Memo, December 21, 2004, "Regulatory Agreements, Milestones, and Decisions," Jeffrey Allison to Paul Golan; Guidance for Environmental Agreements, Milestones, and Decision Documents, October 6, 2004)
- 7.2.2 Provides subject matter regulatory expertise to help ensure DOE-SR and NNSA-SRS organizations develop and execute regulatory compliant activities to include conducting environmental regulator negotiations and regulatory analysis. Provides expert technical advice and assistance to DOE-SR organizations and senior-level management regarding pollution control and abatement, environmental monitoring, environmental compliance, and responses to releases of hazardous substances to the environment.
- 7.2.3 Serves as the CERCLA On-Scene Coordinator and implements assigned responsibilities in the SRS National Contingency Plan Implementation Guide. Serves as the DOE-SR Natural Resource Trustee.
- 7.2.4 Maintains DOE-SR Federal technical expertise in environmental laws and regulations. Advises DOE-SR and NNSA-SRS organizations and senior-level management on issues related to compliance with environmental laws including RCRA; CERCLA; Federal Facility Compliance Act; Clean Air Act; Safe Drinking Water Act; Clean Water Act; Endangered Species Act; Emergency Planning and Community Right-to-Know Act; Toxic Substances Control Act; and associated regulations and DOE directives. Provides expert advice on compliance with environmental regulations, administratively and judicially enforceable agreements, the Federal Facility Agreement, and certification of environmental documents.
- 7.2.5 Oversees the activities conducted by the U.S. Forest Service (USFS), the University of Georgia, and Savannah River Ecology Laboratory (SREL), and at the Crackerneck Wildlife Management Area and Ecological Reserve, Natural Resources Conservation Service (NRCS), and the National Environmental Research Park. Also oversees the Savannah River Archaeological Research Program, with the exception of historic preservation activities involving SRS structures. Monitors the formulation and execution of the USFS at SRS, SREL, South Carolina Institute of Archaeology and Anthropology/University of South Carolina, South Carolina Department of Natural Resources, and NRCS budgets, establishes objectives, and evaluates performance.

- 7.2.6 Serves as primary Site interface with the DOE Office of Science. Participates in Federal laboratory managers' meetings and ensures South Carolina requirements are implemented at SREL.
- 7.2.7 Manages the SRS environmental educational outreach programs conducted by WSRC, SREL, and the USFS. Oversees the SCUREF and Energy Research and Development Administration cooperative agreements.
- 7.2.8 Manages the continued implementation of the SRS Environmental Policy and the Environmental Management System to meet DOE Order 450.1 requirements, and oversees contractor environmental assessment programs.
- 7.2.9 Coordinates DOE-SR concurrences, approvals, and certifications of SRS submission of environmental documents, including environmental Government Furnished Services and Items (GFSI) reviews and approvals.
- 7.2.10 Coordinates negotiations, modifications, and updates of the SRS Site Treatment Plan to assure compliance with the Federal Facility Compliance Act and associated Consent Order.
- 7.2.11 Oversees contractor programs for Site-wide integration of environmental regulatory compliance strategies.
- 7.2.12 Provides project officer oversight of environmental monitoring grants and Agreements in Principle (AIPs).
- 7.2.13 Maintains the DOE-SR Delegation of Authority Plan and maintains and implements the Savannah River Environmental Interactions Roles, Responsibilities and Implementation (Business Book) and the EQMD Strategic Plan.
- 7.2.14 Oversees contractor programs for implementation of the SRS Environmental Monitoring Plan and publication of the Annual Environmental Report.
- 7.2.15 Plans, coordinates, manages, and provides oversight of contractor programs in the area of National Environmental Policy Act (NEPA). Serves as Site technical resource for NEPA as well as to line organizations with respect to the procedural process. Performs the Site NEPA Compliance Officer functions.
- 7.2.16 **SMS Function(s) (see Part 1, Subsection 10):**
  - 3.3 Evaluate Environmental Impacts ( 3.3.01 – 3.3.26)**
  - 4.1 Identify Standards and Requirements (4.1.05 – 4.1.22)**
  - 4.8 Environmental Restoration (4.8.10, 4.8.11, and 4.8.14)**
  - 5.2 Perform Work Safely (5.2.35 – 5.2.38 and 5.2.43 – 5.2.48)**
  - 6.3 ES&H Reporting (6.3.02 – 6.3.04)**